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Panaji, 18th December, 2014 (Agrahayana 27, 1936)

SERIES I No. 38

OFFICIAL GAZETTE

GOVERNMENT OF GOA

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INDEX

GOVERNMENT OF GOA

Department of Education, Art & Culture

Directorate of Technical Education

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Order

DTE/CAD/SLFSC/2014-15

Government of Goa is pleased to accept the recommendations of State Level Fee Structure Committee and approve the fees to be charged in private, unaided, professional Institutions in the State of Goa, for the students admitted in these institutions during the academic year 2014-15, as detailed in Annexure "A" (attached).

The fees approved shall be applicable for the entire duration of the course for the students admitted in 2014-15.

By order and in the name of the Governor of Goa.

D. P. Dwivedi, Secretary (Technical Education).

Porvorim, 5th December, 2014.

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ANNEXURE – A

A. PRIVATE UN-AIDED ENGINEERING COLLEGES

1. PADRE CONCEICAO COLLEGE OF ENGINEERING, VERNA.

Tuition & Development Fees (2014-15)

Fees Head	First Year	Second Year	Third Year	Final Year
Tuition fees (Per sem.)	Rs. 39,000/-	Rs. 43,000/-	Rs. 47,000/-	Rs. 51,000/-
Development fees (Per semester)	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-
Institutional fees	Rs. 1,050/-	Rs. 1,050/-	Rs. 1,050/-	Rs. 1,050/-

Details of Institutional Fees (in Rupees)

Item of Fees	Amount
1. Gymkhana Fees (Per Term)	Rs. 100
2. Annual Social Gathering (Yearly)	Rs. 100
3. Student Aid Fund (Yearly)	Rs. 50
4. Magazine Fee (Yearly)	Rs. 100
5. Identity Card (One Time)	Rs. 50
6. Library Deposit (Refundable)	Rs. 250
7. Caution Money (Refundable)	Rs. 400
Total Institution Fees	**Rs. 1,050**

Fees for NRI Candidates

Item of Fees	Amount
(Tuition + Institutional + Development)	US$3000 per year

2. SHREE RAYESHWAR INSTITUTE OF ENGINEERING AND INFORMATION TECHNOLOGY, SHIRODA.

Tuition & Development Fees (2014-15)

Fees Head	First Year	Second Year	Third Year	Final Year
Tuition fees (Per sem.)	Rs. 32,000/-	Rs. 35,000/-	Rs. 38,000/-	Rs. 41,000/-
Development fees (Per semester)	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-
Institutional fees	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-

3. FATORDA SALESIAN SOCIETY'S DON BOSCO COLLEGE OF ENGINEERING, FATORDA.

4. AGNEL INSTITUTE OF TECHNOLOGY AND DESIGN, ASSAGAO.

Tuition & Development Fees (2014-15)

Fees Head	First Year	Second Year	Third Year	Final Year
Tuition fees (Per sem.)	Rs. 35,000/-	Rs. 38,000/-	Rs. 41,000/-	Rs. 44,000/-
Development fees (Per semester)	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-
Institutional fees	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-

Details of Institution Fees (in Rupees) *(in all the above three Institutions)*

Item of Fees	Amount
1. Gymkhana Fees (Per Term)	Rs. 200
2. Annual Social Gathering (Yearly)	Rs. 200
3. Student Aid Fund (Yearly)	Rs. 100
4. Magazine Fee (Yearly)	Rs. 100
5. Identity Card (One Time)	Rs. 50
6. Library Deposit (Refundable)	Rs. 300
7. Caution Money (Refundable)	Rs. 500
Total Institution Fees	**Rs. 1,450**

Fees for NRI Candidates

Item of Fees	Amount
(Tuition + Institutional + Development)	US$3000 per year

B. PRIVATE UN-AIDED PHARMACY COLLEGE

1. PONDA EDUCATION SOCIETY'S RAJARAM & TARABAI COLLEGE OF PHARMACY, FARMAGUDI, PONDA.

Tuition & Development Fees (2014-15) for B. Pharm course

Fee Head	First Year	Second Year	Third Year	Final Year
Tuition fees (Per Sem.)	Rs. 35,000/-	Rs. 35,000/-	Rs. 35,000/-	Rs. 35,000/-
Development fees (Per Sem.)	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-
Institution fees	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-	Rs. 1,450/-

Details of Institution Fees (in Rupees)

Item of Fees	Amount
1. Gymkhana Fees (Per Year)	Rs. 200
2. Annual Social Gathering (Yearly)	Rs. 200
3. Student Aid Fund (Yearly)	Rs. 100
4. Magazine Fee (Yearly)	Rs. 100
5. Identity Card (One Time)	Rs. 50
6. Microscope charge (One Time)	Rs. 100
7. Library Deposit (Refundable)	Rs. 300
8. Caution Money (Refundable)	Rs. 400
Total Institution Fees	**Rs. 1,450**

Fees for NRI Candidates

Item of Fees	Amount
(Tuition + Institutional + Development)	US$3000 per year

Fee for M. Pharm

The fees recommended for approval in respect of students admitted to M. Pharm course in year 2014-15 is Rs. 1,50,000/- (Rupees one lakh, fifty thousand only) per year, payable in two equal instalments.

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C. PRIVATE INSTITUTE OF HOTEL MANAGEMENT & CATERING TECHNOLOGY

1. AGNEL INSTITUTE OF FOOD CRAFTS AND CULINARY SCIENCES, VERNA.

Details of fees per year (2014-15)

	Item of Fees	First Year	Second Year	Third Year
1.	Tuition Fees	Rs. 54,000/-	Rs. 58,000/-	Rs. 62,000/-
2.	Development Fees	Rs. 6,000/-	Rs. 6,000/-	Rs. 6,000/-
3.	Training Food/Lab Fees	Rs. 14,000/-	Rs. 15,000/-	Rs. 16,000/-
4.	Equipment Maintenance and Operational Fees *(Other Fees)*	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-
5.	Internal Exam Fees	Rs. 250/-	Rs. 250/-	Rs. 250/-
6.	Identity Card	Rs. 100/-	Rs. 100/-	Rs. 100/-
7.	Gymkhana Fees	Rs. 300/-	Rs. 300/-	Rs. 300/-
8.	Library Fees	Rs. 350/-	Rs. 350/-	Rs. 350/-
	Total other fees	Rs. 1,000/-	Rs. 1,000/-	Rs. 1,000/-
	Total	**Rs. 85,000/-**	**Rs. 90,000/-**	**Rs. 95,000/-**
9.	Library deposit (Refundable)	Rs. 500/-	Rs. 500/-	Rs. 500/-
10.	Caution Deposit (Refundable)	Rs. 1,000/-	Rs. 1,000/-	Rs. 1,000/-

2. GUARDIAN AGNEL INSTITUTE OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY, CURCHOREM.

Details of fees per year (2014-15)

	Item of Fees	First Year	Second Year	Third Year
1.	Tuition Fees	Rs. 44,000/-	Rs. 50,000/-	Rs. 56,000/-
2.	Development Fees	Rs. 6,000/-	Rs. 6,000/-	Rs. 6,000/-
3.	Training Food/Lab Fees	Rs. 12,000/-	Rs. 13,000/-	Rs. 14,000/-
4.	Equipment Maintenance and Operational Fees *(Other Fees)*	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-
5.	Internal Exam Fees	Rs. 250/-	Rs. 250/-	Rs. 250/-
6.	Identity Card	Rs. 100/-	Rs. 100/-	Rs. 100/-
7.	Gymkhana Fees	Rs. 300/-	Rs. 300/-	Rs. 300/-
8.	Library Fees	Rs. 350/-	Rs. 350/-	Rs. 350/-
	Total other fees	Rs. 1,000/-	Rs. 1,000/-	Rs. 1,000/-
	Total	**Rs. 73,000/-**	**Rs. 80,000/-**	**Rs. 87,000/-**
9.	Library deposit (Refundable)	Rs. 500/-	Rs. 500/-	Rs. 500/-
10.	Caution Deposit (Refundable)	Rs. 1,000/-	Rs. 1,000/-	Rs. 1,000/-

D. PRIVATE HOMOEOPATHY COLLEGE

SHRI KAMAXIDEVI HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL, SHIRODA.

Tuition & Development Fees (2014-15)

Fee Head	First Year	Second Year	Third Year	Final Year
Tuition fees (Per Sem.)	Rs. 30,000/-	Rs. 30,000/-	Rs. 32,500/-	Rs. 32,500/-
Development fees (Per Sem.)	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-	Rs. 5,000/-
Institution fees	Rs. 1,250/-	Rs. 1,250/-	Rs. 1,250/-	Rs. 1,250/-

Details of Institution Fees (in Rupees)

Item of Fees	Amount
1. Gymkhana Fees (Per Year)	Rs. 100
2. Annual Social Gathering (Yearly)	Rs. 100
3. Student Aid Fund (Yearly)	Rs. 50
4. Magazine Fee (Yearly)	Rs. 100
5. Dissection Charges (Yearly)	Rs. 100
6. Identity Card (One Time)	Rs. 50
6. Microscope charge (One Time)	Rs. 100
7. Library Deposit (Refundable)	Rs. 250
8. Caution Money (Refundable)	Rs. 400
Total Institution Fees	**Rs. 1,250**

Note:- In addition to the above, admission fees as applicable to General Category applicants shall be payable by all the candidates admitted to the above institutions.

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E. POST GRADUATE DIPLOMA COURSE IN HEALTH CARE MANAGEMENT AT GOA INSTITUTE OF MANAGEMENT

Fees recommended in respect of batches admitted to the course in 2013-15 and 2014-16

(All amounts in Rupees)

Fee Head	Batch of 2013-15	Batch of 2014-16
Admission	15,000	16,500
Tuition Fee	360,000	396,000
Learning Material, Examinations	36,000	39,600
Library	54,000	59,400
IT Services	54,000	59,400
Establishment	65,000	72,600
Convocation, Diploma	6,000	6,500
Total Fee	**5,90,000**	**6,50,000**

Note:- The above fees cover entire 2 year duration of the course, and are proposed to be charged in 2 installments (except admission fee and convocation fee) at the beginning of each year.

Department of Fisheries

Notification

DF/PLG/BUD/2014-2015

Ref: Government Notification No. DF/PLG/BUD/ /2013-14 date 21st June, 2013 published in the Official Gazette, Series I No. 13 dated 27-6-2013.

In partial modification of the notification referred above, following clause 5(*vi*) and clause (*6*) shall be revised, amended and read as follows:—

(*5*) *Terms of sanction*.— (*vi*) Subsidy shall be granted for the consumption of fuel i.e. petrol/kerosene for the period from 1st December to 31st November of every year excluding ban period.

(*6*) *Quantum of subsidy*.— (*a*) the Fishermen using kerosene OBM shall be eligible for subsidy upto a maximum of Rs. 36,000/- (Rupees thirty six thousand only) as follows for the financial year 2014-2015 for the consumption of kerosene for the period from 1st December, 2013 to 31st November, 2014.

Quantity of kerosene consumed (in ltrs.)	Amount (in Rs.)
(1) 2000 litres	Rs. 36,000/-
(2) 1500 to 1999	Rs. 27,000/-
(3) 1000 to 1499	Rs. 18,000/-
(4) 500 to 999	Rs. 9,000/-

(*b*) Fishermen using petrol OBM shall be eligible for subsidy of Rs. 30/litre on a maximum consumption of 1200 litres of petrol. Mid year shifting from kerosene to petrol is permitted on pro rata basis and once shifted cannot claim kxerosene subsidy again in future i.e. route of claim to petrol is one way route only.

(*c*) The subsidy for fuel i.e. kerosene consumption will be discontinued w.e.f. 1st December, 2014.

By order and in the name of the Governor of Goa.

Dr. Smt. *Shamila Monteiro*, Director & ex officio Joint Secretary (Fisheries).

Panaji, 11th December, 2014.

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Department of Labour

Inspectorate of Factories & Boilers

Notification

VI/FAC-6/(L-1 Part)/IFB-2014/3164

The following draft rules which the Government of Goa proposes to make in exercise of the powers conferred by section 112 of the Factories Act, 1948 (Central Act 63 of 1948) (hereinafter referred to as the "said Act"), so as to further amend the Control of Industrial Major Accident Hazards Rules, 1993 are hereby pre-published as required by section 115 of the said Act, for the information of persons likely to be affected thereby and notice is hereby given that the said draft rules shall be taken into consideration by the Government of Goa after the expiry of forty--five days from the date of publication of this Notification in the Official Gazette.

All objections and suggestions to the said draft rules may be forwarded to the Secretary (Factories and Boilers), Government of Goa, Secretariat, Porvorim, before the expiry of said period of forty-five days, so that they may be taken into consideration at the time of finalisation of the said draft rules.

DRAFT RULES

In exercise of the powers conferred by section 112 read with section 41B of the Factories Act, 1948 (Central Act 63 of 1948) and all other powers enabling it in this behalf, the Government of Goa hereby makes the following rules so as to further amend the Control of Industrial Major Accident Hazards Rules, 1993, namely:—

1. *Short title and commencement*.— (*1*) These rules may be called the Goa Control of Industrial Major Accident Hazards (Second Amendment) Rules, 2014.

(*2*) They shall come into force at once.

2. *Amendment of rule 2*.— In rule 2 of the Control of Industrial Major Accident Hazards Rules, 1993 (hereinafter referred to as the "principal Rules"), after clause (*d*), the following clause shall be inserted, namely:—

"(*da*) Major Accident Hazards (MAH) installations" means isolated storage and an industrial activity at a site handling (including transport through carrier or pipeline) of hazardous chemicals equal to or, in excess of the threshold quantities specified in column 3 of the Table of Schedule 2 and in column 3 of the Table in Part – I of the Schedule-3."

3. *Amendment of rule 3A*.— In rule 3A of the principal Rules,—

(*i*) clause (*b*) shall be omitted;

(*ii*) in clause (*c*), after sub-clause (*iv*), the following new sub-clause shall be inserted, namely,—

"(*v*) carry out the detailed Hazard Operability (HAZOP) study and hazard identification and risk analysis study including as specified in rule 14, by the occupier of all major accident hazards installations."

4. *Amendment of rule 6*.— In rule 6 of the principal Rules, in sub-rule (*1*),—

(*i*) in clause (*a*), for the expression "7, 8, 13 and 15", the expression "5, 7, 8, 13 to 15" shall be substituted;

(*ii*) in clause (*c*), for the expression "7 and 8", the expression "5, 7, 8, 13 to 15" shall be substituted;

(*iii*) in clause (*d*), for the expression "10 to 13 and 15", the expression "10 to 12" shall be substituted.

5. *Amendment of rule 10*.— In rule 10 of the principal Rules,—

(*i*) in sub-rule (*2*),—

(*a*) for the expression "by a competent agency to be accredited by an Accredition Board to be constituted by the Ministry of Labour, Government of India in this behalf", the expression "by Occupational Safety and Health Auditor recognized by the Chief Inspector of Factories under the Goa Factories (Occupational Safety and Health Audit) Rules, 2014" shall be substituted;

(*b*) In clause (*b*), for the expression "competent agency accredited in this behalf", the expression "Occupational Safety and Health Auditor approved in this behalf by the Chief Inspector" shall be substituted.

(*ii*) In sub-rule (*3*), for the expression "a report to the Chief Inspector", the expression "an audit report to the Chief Inspector along with action taken report" shall be substituted.

6. *Amendment of rule 11*.— In rule 11 of the principal Rules, in sub-rule (*2*), the expression "or in such longer time as the Inspector and the Chief Inspector may agree in writing" shall be omitted.

7. *Insertion of new rule 14*.— In the principal Rules, after rule 13, the following rule shall be inserted, namely:—

"14. *HAZOP study and hazard identification and risk analysis study*.— (*1*) The occupier of all major accident hazard installations shall carry out a detailed HAZOP study and hazard identification and risk analysis study ninety days before making any modification, either partial or

total, to the existing industrial activity, or introducing a new product/process in an industrial activity or increasing capacity of hazardous chemical, or increasing the number of hazardous chemicals in the isolated storage or the industrial activity, as the case may be.

(*2*) In case where the major accident hazard installations are already in existence on the date of commencement of the Goa Control of Industrial Major Accident Hazard (Second Amendment) Rules, 2014, the occupier shall conduct a detailed HAZOP study and hazard identification and risk analysis study within six months from the date of commencement of said Rules, 2014.

(*3*) As required under sub-rule (*1*) and (*2*) above, the Occupier shall within 60 days of the completion of the HAZOP study and hazard identification and risk analysis study, send a report on both these studies to the Chief Inspector of Factories along with action taken report with respect to the implementation of the recommendations in those study reports.

(*4*) Hazard identification and risk analysis shall be carried out as per IS 15656-2006. (i.e. Indian Standard on Hazard Identification and Risk Analysis–Code of Practice published by Bureau of Indian Standards)".

8. *Amendment of Schedules.*— In the principal Rules,—

(*i*) for SCHEDULE-1, the following Schedule shall be substituted, namely:—

"SCHEDULE-1

[*See* rules 2(*a*) (*i*), 3(*1*), 4(*1*), (*a*)]

PART - I

(*a*) *Toxic Chemicals*:– Chemicals having the following values of acute toxicity and which owing to their physical and chemical properties are capable of producing major accident hazards:

Sr. No.	Toxicity	Oral toxicity LD50(mg/kg)	Dermal toxicity LD50 (mg/kg)	Inhalation toxicity LC50 (mg/l)
(1)	Extremely toxic	> 5	<40	< 0.5
(2)	Highly toxic	>5-50	>40-200	< 0.5-2.0
(3)	Toxic	>50-200	> 200-1000	>2-10

(*b*) *Flammable Chemicals*:– (*i*) *Flammable gases*: Gases which at 20^{0}C and at standard pressure of 101.3 KPa are:—

(*a*) ignitable when in a mixture of 13 percent or less by volume with air, or

(*b*) have a flammable range with air of at least 12 percentage points regardless of the lower flammable limits.

Note:- The flammability shall be determined by tests or by calculation in accordance with methods adopted by International Standards Organization ISO Number 10156 of 1990 or by Bureau of Indian Standards ISI Number 1446 of 1985.

(*ii*) *Extremely flammable liquids*: Chemicals which have flash point lower than or equal to 23°C and boiling point less than 35°C.

(*iii*) *Very highly flammable liquids*: Chemicals which have a flash point lower than or equal to 23°C and initial boiling point higher than 35°C.

(*iv*) *Highly flammable liquids*: Chemicals which have a flash point lower than or equal to 60°C but higher than 23°C.

(*v*) *Flammable liquids*: Chemicals which have a flash point higher than 60°C but lower than 90°C.

(c) *Explosives*:– Explosives means a solid or liquid or pyrotechnic substance (or a mixture of substances) or an article.

(*a*) Which is in itself capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings;

(*b*) Which is designed to produce an effect by heat, light, sound, gas or smoke or a combination of these as the result of non-detonative self sustaining exothermic chemical reaction.

PART-II

LIST OF HAZARDOUS CHEMICALS

(1) Acetaldehyde;
(2) Acetic acid;
(3) Acetic anhydride;
(4) Acetone;
(5) Acetone cyanohydrin;
(6) Acetone thiosemicarbazide;
(7) Acetonitrile;
(8) Acetylene;
(9) Acetylene tetra chloride;
(10) Acrolein;
(11) Acrylarnide;
(12) Acrylonitrile;
(13) Adiponitrile;
(14) Aldicarb;
(15) Aldrin;
(16) Allyl alcohol;
(17) Allyl amine;
(18) Allyl chloride;
(19) Aluminiurn (powder);
(20) Aluminiurn azide;
(21) Aluminiurn borohydride;
(22) Aluminium chloride;
(23) Aluminium fluoride;
(24) Aluminium phosphide;
(25) Amino diphenyl;
(26) Amino pyridine;
(27) Aminophenol-2;
(28) Aminopterin;
(29) Amiton;
(30) Amiton dialate;
(31) Ammonia;
(32) Ammonium chloro platinate;
(33) Ammonium nitrate;
(34) Ammonium nitrite;
(35) Ammonium picrate;
(36) Anabasine;
(37) Aniline;
(38) Aniline 2, 4, 6-Trimethyl;
(39) Anthraquinone;
(40) Antimony pentafluoride;
(41) Antimycin A;
(42) ANTU;
(43) Arsenic pentoxide;
(44) Arsenic trioxide;
(45) Arsenous trichloride;
(46) Arsine;
(47) Asphalt;
(48) Azinpho-ethyl;
(49) Azinphos methyl;
(50) Bacitracin;
(51) Barium azide;
(52) Barium nitrate;
(53) Barium nitride;
(54) Benzal chloride;
(55) Benzenamine, 3-Trifluoromethyl;
(56) Benzene;
(57) Benzene sulfonyl chloride;
(58) Benzene, 1-(chlormethyl)-4-Nitro;
(59) Benzene arsenic acid;
(60) Benzidine;
(61) Benzidine salts;
(62) Benzimidazole, 4, 5-Dichloro-2 (Trifluoromethyl);
(63) Benzoquinone-P;
(64) Benzotrichloride;
(65) Benzoyl chloride;
(66) Benzoyl peroxide;
(67) Benzyl chloride;
(68) Beryllium (powder);
(69) Bicyclo (2, 2, 1) Heptane-2 -carbonitrile;
(70) Biphenyl;
(71) Bis (2-chloroethyl) sulphide;
(72) Bis (Chloromethyl) Ketone;
(73) Bis (Tert-butyl peroxy) cyclohexane;
(74) Bis (Terbutylperoxy) butane;
(75) Bis (2,4,6-Trimitrophenylamine);
(76) Bis (Chloromethyl) Ether;
(77) Bismuth and compounds;
(78) Bisphenol-A;
(79) Bitoscanate;
(80) Boron Powder;
(81) Boron trichloride;
(82) Boron trifluoride;
(83) Boron trifluoride comp. with methylether, 1:1;
(84) Bromine;
(85) Bromine pentafluoride;
(86) Bromo chloro methane;
(87) Bromodialone;
(88) Butadiene;
(89) Butane;
(90) Butanone-2;
(91) Butyl amine tert;
(92) Butyl glycidal ether;
(93) Butyl isovalarate;
(94) Butyl peroxymaleate tert;
(95) Butyl vinyl ether;
(96) Butyl-n-mercaptan;
(97) C. I. Basic green;
(98) Cadmium oxide;
(99) Cadmium stearate;
(100) Calcium arsenate;
(101) Calcium carbide;
(102) Calcium cyanide;
(103) Camphechlor (Toxaphene);
(104) Cantharidin;

(105) Captan;
(106) Carbachol chloride;
(107) Carbaryl;
(108) Carbofuran (Furadan);
(109) Carbon tetrachloride;
(110) Carbon disulphide;
(111) Carbon monoxide;
(112) Carbophenothion;
(113) Carvone;
(114) Cellulose nitrate;
(115) Chloroacetic acid;
(116) Chlordane;
(117) Chlorofenvinphos;
(118) Chlorinated benzene;
(119) Chlorine;
(120) Chlorine oxide;
(121) Chlorine trifluoride;
(122) Chlormephos;
(123) Chlormequat chloride;
(124) Chloracetal chloride;
(125) Chloroacetaldehyde;
(126) Chloroaniline-2;
(127) Chloroaniline-4;
(128) Chlorobenzene;
(129) Chloroethyl chloroformate;
(130) Chloroform;
(131) Chloroformyl morpholine;
(132) Chloromethane;
(133) Chloromethyl methyl ether;
(134) Chloronitrobenzene;
(135) Chlorophacinone;
(136) Chorosulphonic acid;
(137) Chlorothitophos;
(138) Chloroxuron;
(139) Chromic acid;
(140) Chromic chloride;
(141) Chromium powder;
(142) Cobalt carbonyl;
(143) Cobalt Nitrilmethylidyne compound;
(144) Cobalt (powder);
(145) Colchicine;
(146) Copper and compounds;
(147) Copperoxychloride;
(148) Coumafuryl;
(149) Coumaphos;
(150) Coumatertrayl;
(151) Crimidine;
(152) Crotenaldehyde;
(153) Crotonaldehyde;
(154) Cumene;
(155) Cyanogen bromide;
(156) Cyanogen iodide;
(157) Cyanophos;
(158) Cyanthoate;
(159) Cyanuric fluoride;
(160) Cyclo hexylamine;
(161) Cyclohexane;
(162) Cyclohexanone;
(163) Cycloheximide;
(164) Cyclopentadiene;
(165) Cyclopentane;
(166) Cyclotetramethyl entetranitramine;
(167) Cyclotrimethyl entrinitramine;
(168) Cypermethrin;
(169) DDT;
(170) Decaborane (1:4);
(171) Demeton;
(172) Demeton S-Methyl;
(173) Di-n-propyl peroxydicarbonate (Conc ≥ 80%);
(174) Dialifos;
(175) Diazodinitrophenol;
(176) Dibenzyl peroxydicarbonate (Conc ≥ 90%);
(177) Diborane;
(178) Dichloroacetylene;
(179) Dichlorobenzalkonium chloride;
(180) Dichloroethyl ether;
(181) Dichloromethyl phenylsilane;
(182) Dichlorophenol-2, 6;
(183) Dichlorophenol-2, 4;
(184) Dichlorophenoxy acetic acid;
(185) Dichloropropane-2,2;
(186) Dichlorosalicylic acid-3,5;
(187) Dichlorvos (DDVP);
(188) Dicrotophos;
(189) Dieldrin;
(190) Diepoxy butane;
(191) Diethyl carbamazine citrate;
(192) Diethyl chlorophosphate;
(193) Diethyl ethanolamine;
(194) Diethyl peroxydicarbonate (Conc = 30%);
(195) Diethyl phenylene diamine;
(196) Diethylamine;
(197) Diethylene glycol;
(198) Diethylene glycol dinitnate;
(199) Diethylene triamine;
(200) Diethyleneglycol butyl ether;
(201) Diglycidyl ether;
(202) Digitoxin;
(203) Dihydroperoxypropane (Conc = 30%);
(204) Disobutyl peroxide;
(205) Dimefox;
(206) Dimethoate;
(207) Dimethyl dichlorosilane;
(208) Dimethyl hydrazine;
(209) Dimethyl nitrosoamine;
(210) Dimethyl P phenylene diamine;
(211) Dimethyl phosphoramidi cyanidic acid (TABUM);
(212) Dimethyl phosphorochloridothioate;

(213) Dimethyl sufolane (DMS);
(214) Dimethy! Sulphide;
(215) Dimethylamine;
(216) Dimethylaniline;
(217) Dimethylcarbonyl chloride;
(218) Dimethilan;
(219) Dinitro O-cresol;
(220) Dinitrophenol;
(221) Dinitrotoluene;
(222) Dinoseb;
(223) Dinoterb;
(224) Dioxane-p;
(225) Dioxathion;
(226) Dioxine N;
(227) Diphacinone;
(228) Diphosphoramide octamethyl;
(229) Diphenyl methane di-isocynate (MDI);
(230) Dipropylene Glycol Butyl ether;
(231) Dipropylene glycolmethylether;
(232) Disec-butyl peroxydicarbonate (Conc 80%);
(233) Disufoton;
(234) Dithiazamine iodide;
(235) Dithiobiurate;
(236) Endosulfan;
(237) Endothion;
(238) Endrin;
(239) Epichlorohydrine;
(240) EPN;
(241) Ergocalciferol;
(242) Ergotamine tartarate;
(243) Ethanesulfenyl chloride, 2 Chloro;
(244) Ethanol 1-2 dichloracetate;
(245) Ethion;
(246) Ethoprophos;
(247) Ethyl acetate;
(248) Ethyl alcohol;
(249) Ethyl benzene;
(250) Ethyl bis amine;
(251) Ethyl-bromide;
(252) Ethyl carbamate;
(253) Ethyl ether;
(254) Ethyl hexanol-2;
(255) Ethyl mercaptan;
(256) Ethyl mercuric phosphate;
(257) Ethyl methacrylate;
(258) Ethyl nitrate;
(259) Ethyl thiocyanate;
(260) Ethylamine;
(261) Ethylene;
(262) Ethylene chlorohydrine;
(263) Ethylene dibromide;
(264) Ethylene diamine;
(265) Ethylene diamine hydrochloride;
(266) Ethylene flourohydrine;
(267) Ethylene oxide;
(268) Ethylene glycol dinitrate;
(269) Ethylene glycol;
(270) Ethylene amine;
(271) Ethylene di chloride;
(272) Femamiphos;
(273) Femitrothion:
(274) Femilphothion;
(275) Fluemetil;
(276) Fluorine;
(277) Fluoro 2-hydroxy butyric acid amid salt ester;
(278) Fluoroacetamide;
(279) Fluoroacetic acid amide salts and esters;
(280) Fluoroacetylchloride;
(281) Fluorobutyric acid amide salt esters;
(282) Fluorocrotonic acid amides salts esters;
(283) Fluorouracil;
(284) Fonofos;
(285) Formaldehyde;
.(286) Formetanate hydrochloride;
(287) Formic acid;
(288) Formoparanate;
(289) Formothion;
(290) Fosthiotan;
(291) Fuberidazole;
(292) Furan;
(293) Galium Trichloride:
(294) Glyconitrile (Hydroxyacetonitrile);
(295) Guanyl-4-nitrosaminoguynyl- 1-tetrazene;
(296) Heptachlor;
(297) Hexamethyl terta-oxyacyclononate (Conc 75%);
(298) Hexachlorobenzene;
(299) Hexachlorocyclohexan (Lindane);
(300) Hexachlorocyclopentadiene:
(301) Hexachloradibenzo-p-dioxin;
(302) Hexachloronaphthalene;
(303) Hexafluoropropanone sesquihydrate;
(304) Hexamethyl phosphoroamide;
(305) Hexamethylene diamine N N dibutyl;
(306) Hexane;
(307) Hexanitrostilbene 2 2 4 4 6 6;
(308) Hexene;
(309) Hydrogen selenide;
(310) Hydrogen sulphide;
(311) Hydrazine;
(312) Hydrazine nitrate;
(313) Hydrochloric acid (Gas);
(314) Hydrogen;
(315) Hydrogen bromide;
(316) Hydrogen cyanide;
(317) Hydrogen fluoride;
(318) Hydrogen peroxide;

(319) Hydroquinone;
(320) Indene;
(321) Indium powder;
(322) Indomethacin;
(323) Iodine;
(324) Iridium tetrachloride;
(325) lronpentacarbonyl;
(326) Iso benzan;
(327) Isomyl alcohol;
(328) Isobutyl alcohol;
(329) Isobutyro nitrile;
(330) Isocyanic acid 3 4-dichlorophenyl ester;
(331) Isodrin;
(332) Isofluorophosphate;
(333) Isophorone diisocyanate;
(334) Isopropyl alcohol;
(335) Isopropyl chlorocarbonate;
(336) Isopropyl formate;
(337) Isopropyl methyl pyrazolyl dimethyl carbamate;
(338) Juglone (5-Hydroxy Naphthalene- 1, 4 dione);
(339) Ketene;
(340) Lactonitrile;
(341) Lead arsenite;
(342) Lead at high temp (molten);
(343) Lead azide;
(344) Lead styphanat;
(345) Leptophos;
(346) Lenisite:
(347) Liquified petroleum gas:
(348) Lithium hydride;
(349) N-Dinitrobenzene;
(350) Magnesium powder or ribbon;
(351) Malathion;
(352) Maleic anhydride;
(353) Malononitrile;
(354) Manganese Tricarbonyl cyclopentadiene;
(355) Mechlor ethamine;
(356) Mephospholan;
(357) Mercuric chloride;
(358) Mercuric oxide;
(359) Mercury acetate;
(360) Mercury fulminate;
(361) Mercury methyl chloride;
(362) Mesitylene;
(363) Methaacrolein diacetate;
(364) Methacrylic anhydride;
(365) Methacrylonitrile;
(366) Methacryloyl oxyethyl isocyanate;
(367) Methanidophos;
(368) Methane;
(369) Methanesulphonyl fluoride;
(370) Methidathion;
(371) Methiocarb;
(372) Methonyl;
(373) Methoxy ethanol (2-methyl cellosolve);
(374) Methoxyethyl mercuric acetate;
(375) Methylacrylol chloride;
(376) Methyl 2-chloroacrylate;
(377) Methyl alcohol;
(378) Methyl amine;
(379) Methyl bromide (Bromomethane);
(380) Methyl chloride;
(381) Methyl chloroform;
(382) Methyl chloroformate;
(383) Methyl cyclohexene;
(384) Methyl disulphide;
(385) Methyl ethyl ketone peroxide (Conc. 60%);
(386) Methyl formate;
(387) Methyl hydrazine;
(388) Methyl isobutyl ketone;
(389) Methyl isocyanate;
(390) Methyl isothiocyanate;
(391) Methyl mercuric dicyanamide;
(392) Methyl Mercaptan;
(393) Methyl Methacrylate;
(394) Methyl phencapton;
(395) Methyl phosphonic dichloride;
(396) Methyl thiocyanate;
(397) Methyl trichlorosilane;
(398) Methyl vinyl ketone;
(399) Methylene bis (2-chloroaniline);
(400) Methylene chloride;
(401) Methylenebis-4, 4(2-chloroaniline);
(402) Metolcarb;
(403) Mevinphos;
(404) Mezacarbate;
(405) Mitomycin C;
(406) Molybdenum powder;
(407) Monocrotophos;
(408) Morpholine;
(409) Muscinol;
(410) Mustard gas;
(411) N-Butyl acetate;
(412) N-Butyl alcohol;
(413) N-Hexane;
(414) N-Methyl-N, 2, 4, 6-Tetranitroaniline;
(415) Naphtha;
(416) Naphtha solvent;
(417) Naphthalene;
(418) Naphthyl amine;
(419) Nickel carbonyl/nickel tetracarbonyl;
(420) Nickel powder;
(421) Nicotine;
(422) Nicotine sulphate;
(423) Nitric acid;
(424) Nitric oxide;
(425) Nitrobenzene;
(426) Nitrocellulose (dry);

(427) Nitrochlorobenzene;
(428) Nitrocyclohexane;
(429) Nitrogen;
(430) Nitrogen dioxide;
(431) Nitrogen oxide;
(432) Nitrogen triflouride;
(433) Nitroglycerine;
(434) Nitropropane-1;
(435) Nitropropane-2;
(436) Nitroso dimethyl amine;
(437) Nonane;
(438) Norbormide;
(439) O-Cresol;
(440) O-Nitro Toluene;
(441) O-Toludine;
(442) O-Xylene;
(443) O/P Nitroaniline;
(444) Oleum;
(445) OO Diethyl S ethyl suph. methyl phos;
(446) OO Diethyl S propythio methyl phosdithioate;
(447) OO Diethyl S ethylsulphinylmethyl-phosphorothioate;
(448) OO Diethyl S ethylsulphonylmethyl-phosphorothioate;
(449) OO Diethyl S ethylthiomethyl-phosphorothioate;
(450) Organo rhodium complex;
(451) Orotic acid;
(452) Osmium tetroxide;
(453) Oxabain:
(454) Oxamyl;
(455) Oxetane, 3, 3,-bis(chloromethyl);
(456) Oxidiphenoxarsine;
(457) Oxy disuffoton;
(458) Oxygen (liquid);
(459) Oxygen difluoride;
(460) Ozone;
(461) P-nitrophenol;
(462) Paraffin;
(463) Paraoxon (Diethyl 4 Nitrophenyl phosphate);
(464) Paraquat;
(465) Paraquat methosulphate;
(466) Parathion;
(467) Parathion methyl;
(468) Paris green;
(469) Penta borane;
(470) Penta chloro ethane;
(471) Penta chlorophenol;
(472) Pentabromophenol;
(473) Pentachloro naphthalene;
(474) Pentadecyl-amine;
(475) Pentaerythaiotol tetranitrate;
(476) Pentane;
(477) Pentanone;
(478) Perchloric acid;
(479) Perchloroethylene;
(480) Peroxyacetic acid;
(481) Phenol;
(482) Phenol, 2, 2-thiobis (4, 6-Dichloro);
(483) Phenol, 2, 2-thiobis (4 chloro 6 methyl phenol);
(484) Phenol, 3-(1-methyl ethyl)- -methylcarbamate;
(485) Phenyl hydrazine hydrochloride;
(486) Phenyl mercury acetate;
(487) Phenyl silatrane;
(488) Phenyl thiourea;
(489) Phenylene P-diamine;
(490) Phorate;
(491) Phosazetin;
(492) Phosfolan;
(493) Phosgene;
(494) Phosmet;
(495) Phosphamidon;
(496) Phosphine;
(497) Phosphoric acid;
(498) Phosphoric acid dimethyl (4-methyl thio) phenyl;
(499) Phosphorothioic acid dimethyl S(2-Bis) Ester;
(500) Phosphorothioic acid methyl (ester);
(501) Phosphorothioic acid, OO-Dimethyl S-(2-methyl);
(502) Phosphorothioic, methyl-ethyl ester;
(503) Phosphorous;
(504) Phosphorous oxychloride;
(505) Phosphorous pentaoxide;
(506) Phosphorous trichloride;
(507) Phosphorous penta chloride;
(508) Phthalic anhydride;
(509) Phylloquinone;
(510) Physostignine;
(511) Physostignine salicylate (1:1);
(512) Picric acid (2,4,6-trinitrophenol);
(513) Picrotoxin;
(514) Piperdine;
(515) Piprotal;
(516) Pirinifos-ethyl;
(517) Platinous chloride;
(518) Platitnium tetrachloride;
(519) Potassium arsenite;
(520) Potassium chlorate;
(521) Potassium cyanide;
(522) Potassium hydroxide;
(523) Potassium nitride;
(524) Potassium nitrite;
(525) Potassium peroxide;
(526) Potassium silver cyanide;

(527) Powdered metals and mixtures;
(528) Promecarb;
(529) Promurit;
(530) Propanesultone;
(531) Propargyl alcohol;
(532) Propargyl bromide;
(533) Propen-2-chloro-1 ,3-diou diacetate;
(534) Propiolactone beta;
(535) Propionitrile;
(536) Propionitrile, 3-chloro;
(537) Propiophenone, 4-amino;
(538) Propyl chloroformate;
(539) Propylene dichloride;
(540) Propylene glycol, allylether;
(541) Propylene amine;
(542) Propylene oxide;
(543) Prothoate;
(544) Pseudosumene;
(545) Pyrazoxon;
(546) Pyrene;
(547) Pyridine;
(548) Pyridine, 2-methyl-3—vinyl;
(549) Pyridine, 4-nitro-I—oxide;
(550) Pyridine, 4-nitro- I—oxide;
(551) Pyriminil;
(552) Quinaliphos;
(553) Quinone;
(554) Rhodium trichloride;
(555) Salcomine;
(556) Sarin;
(557) Selenious acid;
(558) Selenium Hexafluoride;
(559) Selenium oxychloricle;
(560) Semicarbazide hydrochloride;
(561) Silane (4-amino butyl) diethoxy-meth;
(562) Sodium;
(563) Sodium anthra-quinone-1-sulphonate;
(564) Sodium arsenate;
(565) Sodium arsenite;
(566) Sodium azide;
(567) Sodium cacodylate;
(568) Sodium chlorate;
(569) Sodium cyanide;
(570) Sodium fluoro-acetate;
(571) Sodium hydroxide;
(572) Sodium pentachloro-phenate;
(573) Sodium picramate;
(574) Sodium Selenate;
(575) Sodium selenite;
(576) Sodium sulphide;
(577) Sodium tellorite;
(578) Stannane acetoxy triphenyl;
(579) Stibine (Antimony hydride);
(580) Strychnine;
(581) Strychnine Sulphate;
(582) Styphinic acid (2.4.6- trinitroresorcinol);
(583) Styrene;
(584) Sulphotec;
(585) Sulphoxide 3-chloropropyl octyl;
(586) Sulphur dichloride;
(587) Sulphur dioxide;
(588) Sulphur monochloride;
(589) Sulphur tetrafluoride;
(590) Sulphur trioxide;
(591) Sulphuric acid;
(592) Tellurium (Powder);
(593) Tellurium hexafluoride;
(594) TEPP (Tetraethyl pyrophosphate);
(595) Terbufos;
(596) Tert-Butyl alcohol;
(597) Tert-Butyl peroxy carbonate;
(598) Tert-Butyl peroxy isopropyl;
(599) Tert-Butyl peroxyacetate (Conc =70%);
(600) Tert-Butyl peroxypivalate(Conc =77%);
(601) Tert-Butyl peroxyiso-butyrate;
(602) Tetra hydrofuran;
(603) Tetra methyl lead;
(604) Tetra nitromethane;
(605) Tetra-chlorodibenzo-p-dioxin, 1,2,3,7,8, (TCDD);
(606) Tetraethyl lead;
(607) Tetrafluoriethyne;
(608) Tetramethylene disulphotetramine;
(609) Thallic oxide;
(610) Thallium carbonate;
(611) Thallium sulphate;
(612) Thallous chloride;
(613) Thallous malonate;
(614) Thallous sulphate;
(615) Thiocarbazide;
(616) Thiocynamicacid, 2-(Benzothiazolyethio) methyl;
(617) Thiofamox;
(618) Thiometon;
(619) Thionazin;
(620) Thionyl chloride;
(621) Thiophenol;
(622) Thiosemicarbazide;
(623) Thiourea (2-chloro-phenyl);
(624) Thiourea (2-methyl phenyl);
(625) Tirpate (2, 4-dimethyl-1 ,3-di-thiolane);
(626) Titanium powder;
(627) Titanium tetra-chloride;
(628) Toluene;
(629) Toluene 2, 4-di isocyanate;
(630) Toluene 2, 6-di isocyanate;
(631) Trans-1, 4-di chloro-butene;
(632) Tri nitro anisole;
(633) Tri (Cyclohexyl) methylstannyl 1,2,4 triazole;
(634) Tri (Cyclohexyl) stannyl- I H- 1,2,3-triazole;

(635) Triaminotrinitrobenzene;
(636) Triamphos;
(637) Triazophos;
(638) Tribromophenol 2,4,6;
(639) Trichloro naphthalene;
(640) Trichloro chloromethyl silane;
(641) Trichloroacetyl chloride;
(642) Trichlorodichlorophenylsilane;
(643) Trichloroethyl silane;
(644) Trichloroethylene;
(645) Trichloromethane sulphenyl chloride;
(646) Trichloronate;
(647) Trichlorophenol 2, 3, 6;
(648) Trichlorophenol 2, 4, 5;
(649) Trichlorophenyl silane;
(650) Trichlorophon;
(651) Triethoxy silane;
(652) Triethylamine;
(653) Triethylene melamine;
(654) Trimethyl chlorosilane;
(655) Trimethyl propane phosphite;
(656) Trimethyl tin chloride;
(657) Trinitro aniline;
(658) Trinitro benzene;
(659) Trinitro benzoic acid;
(660) Trinitro phenetole;
(661) Trinitro-m-cresol;
(662) Trinitrotoluene;
(663) Tri orthocresyl phosphate;
(664) Triphenyl tin chloride;
(665) Tri (2-chloroethyl) amine;
(666) Turpentine;
(667) Uranium and its compounds;
(668) Valinomycin;
(669) Vanadium pentaoxide;
(670) Vinyl acetate mononer;
(671) Vinyl bromide;
(672) Vinyl chloride;
(673) Vinyl cyclohexane dioxide;
(674) Vinyl fluoride;
(675) Vinyl norbornene;
(676) Vinyl toluene;
(677) Vinyledene chloride;
(678) Warfarin;
(679) Warfarin sodium;
(680) Xylene dichloride;
(681) Xylidine;
(682) Zinc dichloropentanitrile;
(683) Zinc phosphide;
(684) Zirconium and compounds";

(*ii*) for SCHEDULE 2, the following Schedule shall be substituted, namely:—

"SCHEDULE-2

[*See* rules 2(*a*)(*ii*), 2(*c*), 2(*da*), 4(*1*)(*b*), 6 (*1*)(*c*) and (*d*) and 7(*1*)]

ISOLATED STORAGE AT INSTALLATIONS OTHER THAN THOSE COVERED BY SCHEDULE 4

(*a*) The threshold quantities set out below relate to each installation or group of installation belonging to the same occupier where the distance between installations is not sufficient to avoid, in foreseeable circumstances, any aggravation of major accident hazards. These threshold quantities apply in any case to each group of installations belonging to the same occupier where the distance between the installations is less than 500 meters.

(*b*) For the purpose of determining the threshold quantity of a hazardous chemical at an isolated storage, account shall also be taken of any hazardous chemical which is:—

(*i*) in that part of any pipeline under the control of the occupier having control of the site, which is within 500 metres of that site and connected to it;

(*ii*) at any other site under the control of the same occupier any part of the boundary of which is within 500 meters of the said site; and

(*iii*) in any vehicle, vessel, aircraft or hovercraft, under the control of the same occupier which is used for storage purpose either at the site or within 500 meters of it;

but no account shall be taken of any hazardous chemical which is in a vehicle, vessel, aircraft or a hovercraft used for transporting it.

TABLE

Sr. No.	Chemicals	Threshold Quantities (tonnes)	
		For application of rules 4, 5, 7 to 9 and 13 to 15	For application of rule 10 to 12
(1)	(2)	(3)	(4)
(1)	Acrylonitrile	350	5,000
(2)	Ammonia	60	600
(3)	Ammonium nitrate (a)	350	2,500
(4)	Ammonium nitrate fertilizers (b)	1,250	10,000
(5)	Chlorine	10	25
(6)	Flammable gases as defined in Schedule 1, paragraph (b) (i)	50	300
(7)	Extremely flammable liquids as defined in Schedule 1, paragraph (b) (ii)	5000	50,000]
(8)	Liquid oxygen	200	2000
(9)	Sodium chlorate	25	250
(10)	Sulphur dioxide	20	500
(11)	Sulphur trioxide	15	100
(12)	Carbonyl chloride	0.750	0.750
(13)	Hydrogen sulphide	5	50
(14)	Hydrogen fluoride	4	50
(15)	Hydrogen cyanide	5	10
(16)	Carbon disulphide	20	200
(17)	Bromine	50	500
(18)	Ethylene oxide		
(19)	Propylene oxide	5	50
(20)	2-Propenal (Acrolein)	20	200
(21)	Bromomethane (Methyl bromide)	20	200
(22)	Methyl isocyanate	0.150	0.150
(23)	Tetraethyl lead or tetramethyl lead	5	50
(24)	1, 2 Dibromoethane (Ethylene dibromide)	5	50
(25)	Hydrogen chloride (liquefied gas)	25	250
(26)	Diphenyl methane di-isocyanate (MDI)	20	200
(27)	Toluene di-isocyanate (TDI)	10	100
(28)	Very highly flammable liquids as defined in Schedule 1, paragraph (b) (iii)	7,000	7,000
(29)	Highly flammable liquids as defined in Schedule 1, paragraph (b) (iv)	10,000	10,000
(30)	Flammable liquids as defined in Schedule -1, paragraph (b) (v)	15,000	1,00,000

(*a*) This applies to ammonium nitrate and mixtures of ammonium nitrates where the nitrogen content derived from the ammonium nitrate is greater than 28 per cent by weight and to aqueous solutions of ammonium nitrate where the concentration of ammonium nitrate is greater than 90 per cent by weight.

(*b*) This applies to straight ammonium nitrate fertilizers and to compound fertilizers where the nitrogen content derived from the ammonium nitrate is greater than 28 per cent by weight (a compound-fertilizer contains ammonium nitrate together with phosphate and/or potash).“;

(*iii*) for SCHEDULE-3, the following Schedule shall be substituted, namely:—

"SCHEDULE-3

[*See* rules 2(*a*) (*iii*), 2(*da*), 6(*1*)(*a*) and (*b*), 7(*1*)]

List of Hazardous Chemicals for the purposes of rules 5 and 7 to 15

(*a*) The quantities set-out-below relate to each installation or group of installations belonging to the same occupier where the distance between the installations is not sufficient to avoid, in foreseeable circumstances, any aggravation of major-accident hazards. These quantities apply in any case to each group of installations belonging to the same occupier where the distance between the installations is less than 500 metres.

(*b*) For the purpose of determining the threshold quantity of a hazardous chemical in an industrial installation, account shall also be taken of any hazardous chemicals which is:—

(*i*) in that part of any pipeline under the control of the occupier having control of the site, which is within 500 metres off that site and connected to it;

(*ii*) at any other site under the control of the same occupier any part of the boundary of which is within 500 metres of the said site; and

(*iii*) in any vehicle, vessel, aircraft or hovercraft under the control of the same occupier which is used for storage purpose either at the site or within 500 metres of it;

but no account shall be taken of any hazardous chemical which is in a vehicle, vessel, aircraft or hovercraft used for transporting it.

———————

PART I

Named Chemicals

TABLE

Sr. No.	Chemical	Threshold Quantity for application of Rules 5, 7-9 and 13-15	Threshold Quantity for application of Rules 10-12	CAS Number
(1)	(2)	(3)	(4)	(5)
	GROUP 1—TOXIC SUBSTANCES			
(1)	Aldicarb	100 kg		116-06-3
(2)	4-Aminodiphenyl	1 kg		92-67-1
(3)	Amiton	1 kg		78-53-5
(4)	Anabasine	100 kg		495-52-0
(5)	Arsenic pentoxide, Arsenic (V) acid and salts	500 kg		
(6)	Arsenic trioxide, Arsenious (III) acid and salts	100 kg		
(7)	Arsine (Arsenic hydride)	10 kg		7784-42-1
(8)	Azinphos-ethyl	100 kg		2642-71-9
(9)	Azinphos-methyl	100 kg		86-50-0
(10)	Benzidine	1 kg		92-87-5
(11)	Benzidine salts	1 kg		
(12)	Beryllium (powders, compounds)	10 kg		
(13)	Bis (2-chloromethyl) sulphide	1 kg		505-60-2

(1)	(2)	(3)	(4)	(5)
(14)	Bis (chloromethyl) ether	1 kg		542-88-1
(15)	Carbophuran	100 kg		1563-66-2
(16)	Carbophenothion	100 kg		786-19-6
(17)	Chlortenvinphos	100 kg		470-90-6
(18)	4-(Chloroformyl) morpholine	1 kg		15159-40-7
(19)	Chloromethyl methyl ether	1 kg		107-30-2
(20)	Cobalt (metal, oxides, carbonates, sulphides, as powders)	1000 kg		
(21)	Crimidine	100 kg		535-89-7
(22)	Cynthoate	100 kg		3734-95-0
(23)	Cycloheximide	100 kg		66-81-9
(24)	Demeton	100 kg		8065-48-3
(25)	Dialifos	100 kg		10311-84-9
(26)	OO-Diethyl S-ethylsulphinylmethyl phosphorothioate	100 kg		2588-05-8
(27)	OO-Diethyl S-ethylsulphinylmethyl phosphorothioate	100 kg		2588-06-9
(28)	OO-Diethyl S-ethylsulphonylmethyl phosphorothioate	100 kg		2600-69-3
(29)	OO-Diethyl S-ethylthiomethyl Phosphorothioate	100 kg		78-52-4
(30)	OO-Diethyl S-isopropylthiomethyl phosphorodithioate	100 kg		3309-68-0
(31)	Dimefox	100 kg		115-26-4
(32)	Dimethylcarbamoyl chloride	1 kg		79-44-7
(33)	Dimethylnitrosamine	1 kg		62-75-9
(34)	Dimethyl phosphoramidocyanidic acid	1000 kg		63917-41-9
(35)	Diphacinone	100 kg		82-66-6
(36)	Disulfoton	100 kg		298-04-4
(37)	EPN	100 kg		2104-64-5
(38)	Ethion	100 kg		563-12-2
(39)	Fensulfothion	100 kg		115-90-2
(40)	Fluenetil	100 kg		4301-50-2
(41)	Fluroacetic acid	1 kg		144-49-0
(42)	Fluoroacetic acid, salts	1 kg		
(43)	Fluoroacetic acid, esters	1 kg		
(44)	Fluoroacetic acid, amides	1 kg		
(45)	4-Fluorobutyric acid	1 kg		462-23-7
(46)	4-Fluorobutyric acid, salts	1 kg		
(47)	4-Fluorobutyric acid, esters	1 kg		
(48)	4-Fluorobutyric acid, amides	1 kg		
(49)	4-Fluorobutyric acid	1 kg		37759-72-1
(50)	4-Fluorocrotonic acid, salts	1 kg		
(51)	4-Fluorocrotonic acid, esters	1 kg		
(52)	4-Fluorocrotonic acid, amides	1 kg		
(53)	4-Fluoro-2-hydroxybutyric acid, amides	1 kg		
(54)	4-Fluoro-2-hydroxybutyric acid, salts	1 kg		
(55)	4-Fluoro-2-hydroxybutyric acid, esters	1 kg		
(56)	4-Fluoro-2-hydroxybutyric acid, amides	1 kg		
(57)	Glycolonitrile (Hydroxyacetonitrile)	100 kg		107-16-4
(58)	1, 2, 3, 7, 8, 9-Hexachlorodibenzo-p-dioxin	100 kg		194-08-7 4-3
(59)	Hexamethylphosphoramide	1 kg		680-31-91
(60)	Hydrogen selenide	10 kg		7783-07-5

(1)	(2)	(3)	(4)	(5)
(61)	Isobenzan	100 kg		297-78-9
(62)	Isodrin	100 kg		465-73-6
(63)	Juglone (5-Hydroxynaphthalene 1, 4 dione)	100 kg		481-39-0
(64)	4, 4-Methylenebis (2-chloroaniline)	10 kg		101-14-4
(65)	Methyl isocyanate	150 kg	150 kg	624-83-9
(66)	Mevinphos	100 kg		7786-34-7
(67)	2-Naphthylamine	1 kg		91-59-8
(68)	Nickel (metal, oxides, carbonates, sulphides, as powders)	1000 kg		
(69)	Nickel tetracarbonyl	10 kg		13463-39-3
(70)	Oxydisulfoton	100 kg		2497-07-6
(71)	Oxygen difluoride	10 kg		7783-41-7
(72)	Paraoxon (Diethyl 4-nitrophenyl phosphate)	100 kg		311-45-5
(73)	Parathion	100 kg		56-38-2
(74)	Parathion-methyl	100 kg		298-00-0
(75)	Pentaborane	100 kg		19624-22-7
(76)	Phorate	100 kg		298-02-2
(77)	Phosacetim	100 kg		4104-14-7
(78)	Phosgene (carbonyl chloride)	750 kg	750 kg	75-44-5
(79)	Phosphamidon	100 kg		13171-21-6
(80)	Phosphine (Hydrogen phosphate)	100 kg		7803-51-2
(81)	Promurit (1-(3, 4-dichlorophenyl)-3 -triazenethio-carboxamide)	100 kg		5836-73-7
(82)	1, 3-Propanesultone	1 kg		1120-71-4
(83)	1 -Propen-2-chloro- 1, 3-diol diacetate	10 kg		10118-72-6
(84)	Pyrazoxon	100 kg		108-34-9
(85)	Selenium hexafluoride	10 kg		7783-79-1
(86)	Sodium selenite	100 kg		10102-18-8
(87)	Stibine (Antimony hydroxide)	100 kg		7803-52-3
(88)	Sulfotep	100 kg		3689-24-5
(89)	Sulphur dichloride	1000 kg		10545-99-0
(90)	Tellurium hexafluoride	100 kg		7783-80-4
(91)	TEPP	100 kg		107-49-3
(92)	2, 3, 7, 8- Tetrachlorodibenzo-p-Idioxin (TCDD)	1 kg		1746-01-6
(93)	Tetramethylenedisulphotetramine	1 kg		80-12-6
(94)	Thionazin	100 kg		297-97-2
(95)	Tripate (2, 4-Dimethyl-l, 3-dithiolane- -2-carboxaldehyde O-methylcarbarmoyloxime)	100 kg		26419-73-8
(96)	Trichloromethanesulphonyl chloride	100 kg		594-42-3
(97)	1-Tri (cyclohexyl) stannyl-I H-1, 2, 4-triazole	100 kg		41083-11-8
(98)	Triethylenemelamine	10 kg		51-18-3
(99)	Warfarin	100 kg		81-81-2
	GROUP 2—TOXIC SUBSTANCES			
(100)	Acetonecyanohydrin (2-Cyanopropan-2-01)	200 t		75-86-5
(101)	Acrolein (2-Propenal)	20 t	200 t	107-02-8
(102)	Acrylonitrile	20 t	200 t	107-13-1
(103)	Allyl alcohol (Propen-1-01)	200 t		107-18-6
(104)	Allylamine	200 t		107-11-9

(1)	(2)	(3)	(4)	(5)
(105)	Ammonia	50 t	500 t	7664-41-7
(106)	Bromine	40 t	500 t	7726-95-6
(107)	Carbon disulphide	20 t	200 t	71-15-0
(108)	Chlorine	10 t	25 t	7782-50- 5
(109)	Diphenyl methane di-isocynate (MDl)	20 t	200 t	101-68-8
(110)	Ethylene dibromide (1, 2-Dibromoethane)	5 t	50 t	106-93-4
(111)	Ethyleneamine	50 t		151-56-5
(112)	Formaldehyde (concentration < 90%)	5 t	50 t	50-00-0
(113)	Hydrogen chloride (Iiquified gas)	25 t	250 t	7647-01-0
(114)	Hydrogen cyanide	5 t	20 t	74-90-8
(115)	Hydrogen fluoride	5 t	50 t	7664-39-3
(116)	Hydrogen sulphide	5 t	50 t	7783-06-4
(117)	Methyl bromide (lromomethane)	20 t	200 t	74-83-9
(118)	Nitrogen oxides	50 t		11104-93-1
(119)	Propyleneamine	50 t		75-55-8
(120)	Sulphur dioxide	20 t	250 t	7446-09-5
(121)	Sulphur trioxide	15 t	75 t	7446-11-9
(122)	Tetraethyl lead	5 t		78-00-2
(123)	Tetramethyl lead	5 t	200 t	75-74-1
(124)	Toluene-di-isocyanate (TDI)	10 t	100 t	584-84-9
	GROUP 3—HIGHLY REACTIVE SUBSTANCES			
(125)	Acetylene (ethyne)	5 t		74-86-2
(126)	a. Ammonium nitrate (1)	350 t	2500 t	6484-52-2
	b. Ammonium nitrate in the form of fertiliser (2)	1250 t		
(127)	2, 2-Bis (tert-butylperoxy) butane (concentration ≥ 70%)	5 t		2167-23-9
(128)	1, I-Bis (tert-butylperoxy) cyclohexane (concentration ≥ 80%)	5 t		3006-86-8
(129)	Tert-butyl peroxyacetate (concentration ≥ 70%)	5 t		107-71-1
(130)	Tert-butyl peroxyisobutyrate (concentration ≥ 80%)	5 t		109-13-7
(131)	Tert-butyl peroxy isopropyl carbonate (concentration ≥ 80%)	5 t		2372-21-6
(132)	Tert-butyl peroxymaleate (concentration ≥ 80%)	5 t		931-62-0
(133)	Tert-butyl peroxypivalate (concentration ≥ 77%)	50 t		927-07-1
(134)	Dibenzyl peroxydicarbonate (concentration ≥ 90%)	5 t		2144-45-8
(135)	Di-sec-butyl peroxydicarbonate (concentration ≥ 80%)	5 t		19910-65-7
(136)	Diethyl peroxydicarbonate (concentration ≥ 30%)	50 t		14666-78-5
(137)	2, 2-dihydroperoxypropane (concentration ≥ 30%)	5 t		12614-76-8

(1)	(2)	(3)	(4)	(5)
(138)	Di-isobutyryl peroxide (concentration ≥ 50%)	50 t		3437-84-1
(139)	Di-n-propyl peroxydicarbonale (concentration ≥ 80%)	5 t		16066-38-9
(140)	Ethylene oxide	5 t	50 t	75-21-8
(141)	Ethyl nitrale	50 t		625-58-1
(142)	3, 3, 6, 6, 9,9 - Hexamethyl-1, 2, 4, 5-tert oxacyclononane (concentration ≥ 75%)	50 t		22397-33-7
(143)	Hydrogen	2 t	50 t	1333-74-0
(144)	Liquid Oxygen	200 t	2000 t	7782-44-7
(145)	Melhyl ethyl ketone peroxide (concentration ≥ 60%)	5 t		1338-23-4
(146)	Melhyl isobutyl ketone peroxide (concentration ≥ 60%)	50 t		37206-20-5
(147)	Peracetic acid (concentration ≥ 60%)	50 t		79-21-0
(148)	Propylene oxide	5 t	50 t	75-56-9
(149)	Sodium chlorate	25 t		7775-09-9
	GROUP 4—EXPLOSIVE SUBSTANCES			
(150)	Barium azide	100 kg		18810-58-7
(151)	Bis (2, 4, 6-trinitrophenyl) amine	50 t		131-73-7
(152)	Chlorotrinitro benzene	50 t		28260-61-9
(153)	Cellulose nitrate (containing ≥12.6% Nitrogen)	50 t		9004-70-0
(154)	Cyclotetramethylenetetranitramine	50 t		2691-41-0
(155)	Cyclotrimetylenetrinitramine	50 t		121-82-4
(156)	Diazodinitrophenol	10 t		7008-81-3
(157)	Diethylene glycol dinitrate	10 t		693-21-0
(158)	Dinitrophenol, salts	50 t		
(159)	Ethylene glycol dinitrate	10 t		628-96-6
(160)	1-Gyanyl-4-nitrosaminoguanyl-1-tetrazene	100 kg		109-27-3
(161)	2, 2, 4, 4, 6, 6-Hexanitrostilbene	50 t		20062-22-0
(162)	Hydrazine nitrate	50 t		13464-97-6
(163)	Lead azide	100 kg		13424-46-9
(164)	Lead styphnate (Lead 2, 4, 6-trinitroresorcin-oxide)	100 kg		15245 44-0
(165)	Mercury fulminate	100 kg		20820-45-5
(166)	N-Methyl-N, 2, 4, 6-tetranitroaniline	50 t		479-45-8
(167)	Nitroglycerine	10 t	10 t	55-63-0
(168)	Pentaerythritol tetranitrate	50 t		78-11-5
(169)	Picric acid (2, 3, 6-Trinitrophenol)	50 t		88-89-1
(170)	Sodium picramate	50 t		831-52-7
(171)	Styphnic acid (2, 4, 6-Trinitroresorcinol)	50 t		82-71-3
(172)	1, 3, 5-Triamino-2, 4, 6-trinitrobenzene	50 t		3058-38-6
(173)	Trinitroaniline	50 t		26952-42-1
(174)	1, 2, 4, 6-Trinitroanisole	50 t		606-35-9
(175)	Trinitrobenzene	50 t		25377-32-6
(176)	Trinitrobenzoic acid	50 t		35860-50-5

(1)	(2)	(3)	(4)	(5)
(177)	Trinitrocresol	50 t		28905-71-7
(178)	2, 4, 6-Trinitrophenitole	50 t		4732-14-3
(179)	2, 4, 6-Trinitrotoluene	50 t	50 t	118-96-7

PART - II

Classes of substances as defined in PART-I, Schedule-1 and not specifically named in PART-I of this Schedule

Group 5 - Flammable substances

(1)	Flammable Gases	15T	200T
(2)	Extremely flammable liquids	1000T	5000T
(3)	Very Highly flammable liquids	1500T	10000T
(4)	Highly Flammable liquids which remains liquid under pressure	25T	200T
(5)	Highly Flammable liquids	2500T	20000T
(6)	Flammable liquids	5000T	50000T

By order and in the name of the Governor of Goa.

S. M. Paranjape, Chief Inspector & ex officio Joint Secretary (Factories and Boilers).

Panaji, 9th December, 2014.

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